

**TORQUE CONVERTER, TRAINING AID, DEVICE 11H22****TRAINING CATEGORY:**

MAINTENANCE TRAINING (Misc)

ORIGINATING AGENCY:

DCNO/AIR; MARCORPS

SECURITY CLASSIFICATION:

Device 11H22 is unclassified.

INTENDED USE:

To instruct and train operating and maintenance personnel in the theory and operation of a typical torque converter.

FUNCTIONAL DESCRIPTION:

The Torque Converter Training Aid, Device 11H22 is a full-scale operating torque converter of the type used in the Allison Model CD-500 Cross Drive Transmission. The pump, stators and turbine comprising the torque converter unit proper are made of translucent acrylic and housed in a transparent acrylic case to permit viewing of these parts and the fluid oil action.

Fluorescent lamps to illuminate the torque converter parts and the fluid oil are mounted in a formica cabinet underneath the transparent case.

Power is supplied by an electric motor. The load is controlled by an electro-magnetic brake.

An operating control panel mounts an input-speed control knob, power switch, power-line fuse, electro-magnetic brake-control knob, and electro-magnetic brake-control-unit fuse.

PHYSICAL INFORMATION:

Size: 31-1/2" L x 26" W x 52-1/2" H

Weight: 200 lbs, with no fluid in the transparent case.

INSTALLATION AREA:

Classroom

POWER REQUIREMENTS:

110 VAC, 60 Hz.

DIRECTORY OF NAVAL TRAINING DEVICES

PUBLICATIONS FURNISHED:

Instructors Guide for Torque Converter
Training Aid, Device 11H22, NAVTRADEV P-3621.

PERSONNEL:

Instructors: One (1)

Operator: Instructor-operated

Maintenance : None

CONTRACT IDENTIFICATION:

Manufactured by Continental Enterprises,
Inc., Westbury, L.I. NY under NAVTRASYSCEN
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LOCAL STOCK NUMBER:

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